



REPLACEMENT SHEET

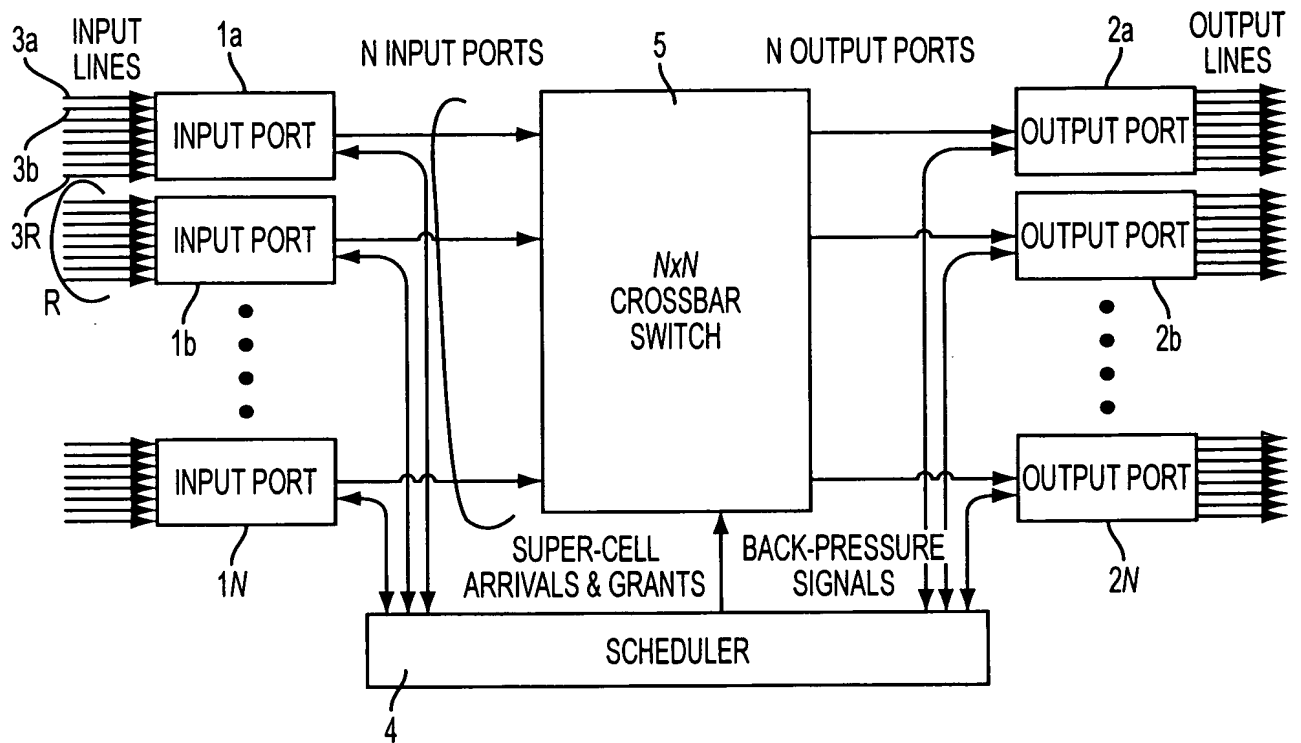


FIG. 1

# REPLACEMENT SHEET

PARAMETER	MEANING	TYPICAL VALUE
<i>N</i>	NUMBER OF INPUT AND OUTPUT PORTS	64
<i>L</i>	NUMBER OF INPUT AND OUTPUT LINES	512
<i>R</i>	NUMBER OF LINES PER PORT	8
<i>K</i>	NUMBER OF CLASSES	8
<i>M</i>	NUMBER OF SCHEDULING MODULES	16
<i>S</i>	NUMBER OF PIPELINE STAGES PER SCHEDULING MODULE	1
<i>C</i>	NUMBER OF CELLS PER SUPER-CELL	8

FIG. 2

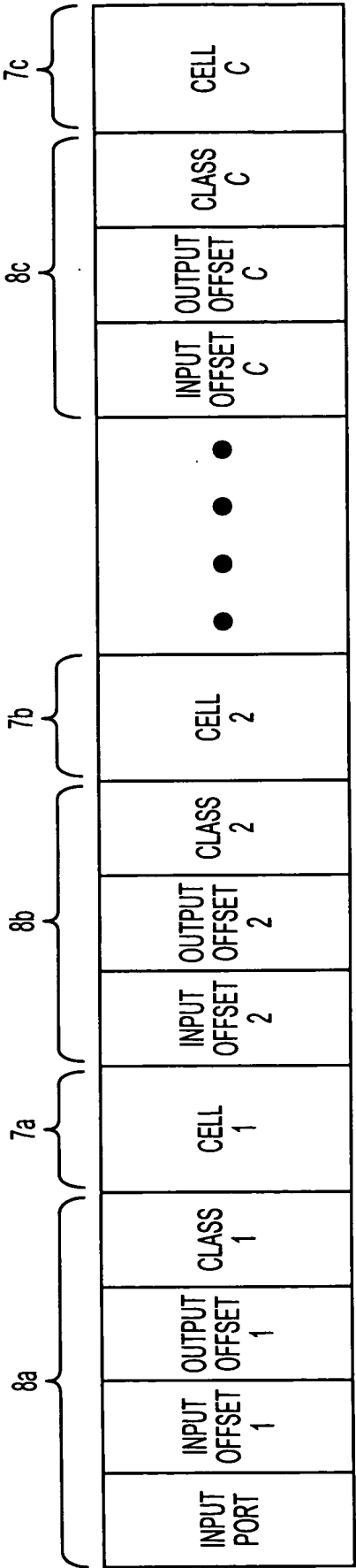


FIG. 3

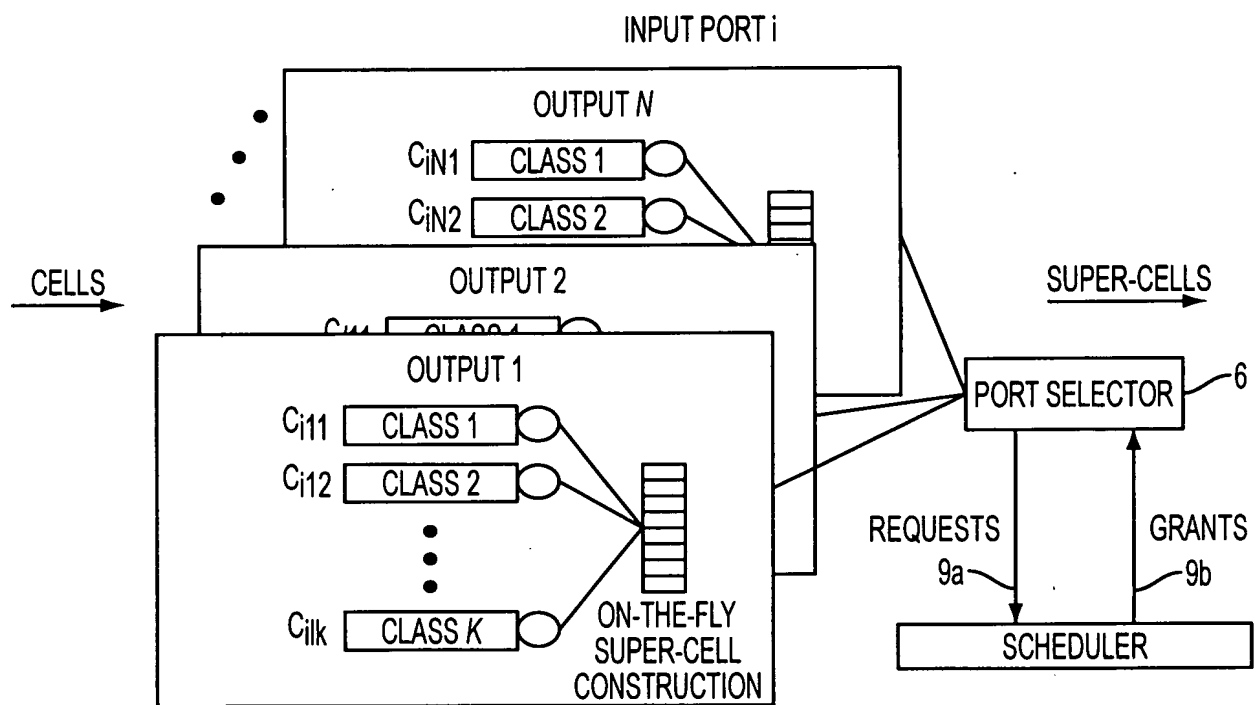


FIG. 4

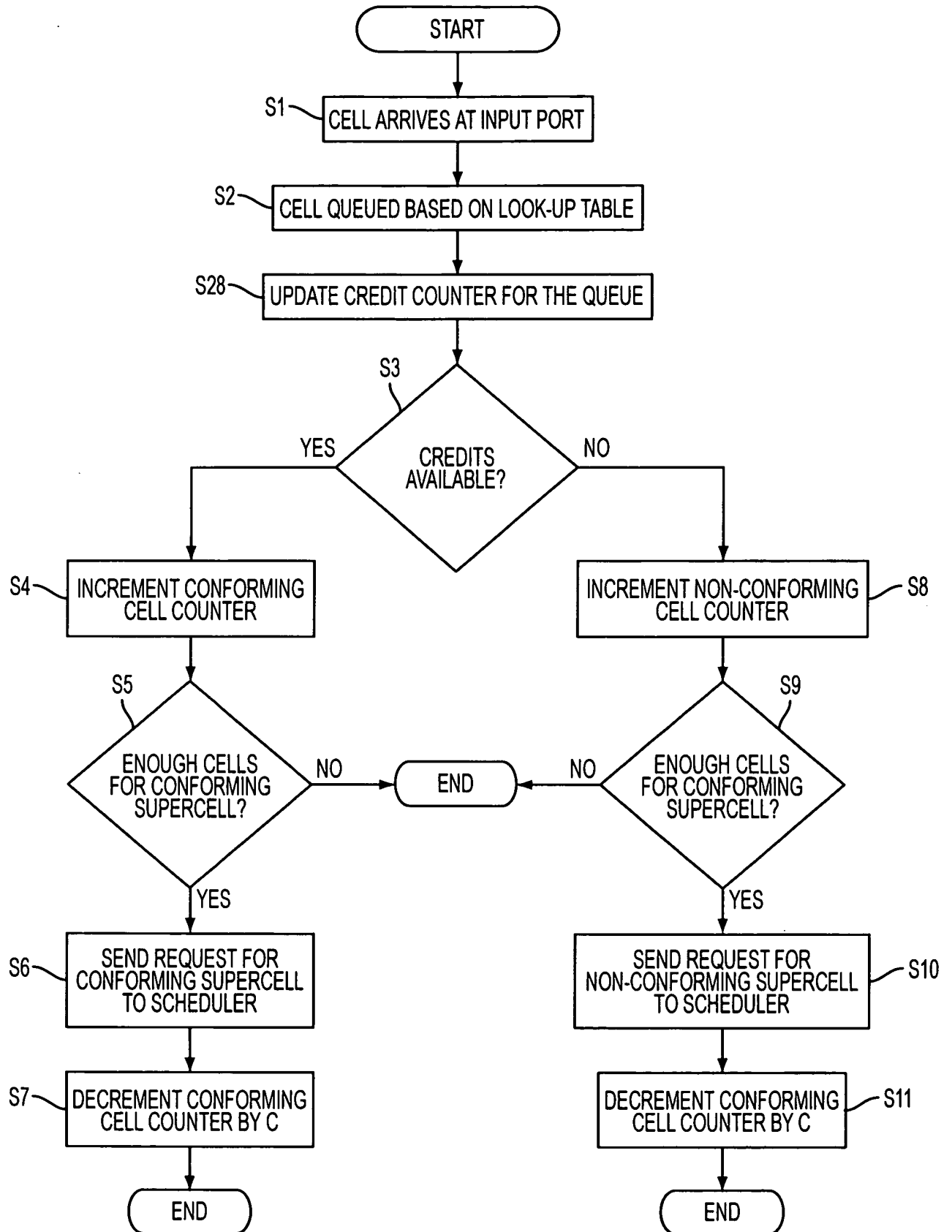


FIG. 5A

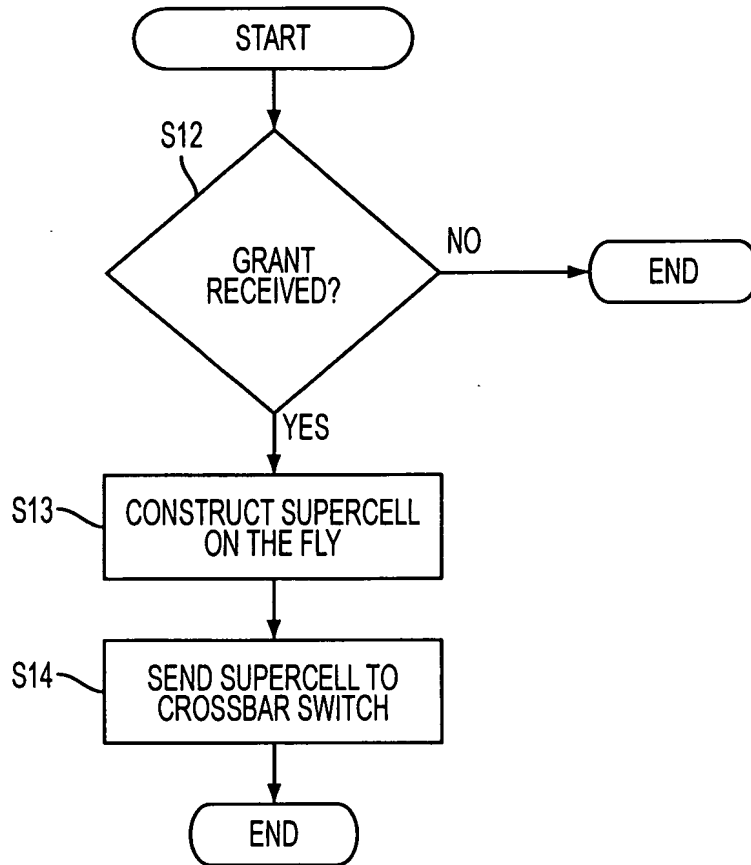


FIG. 5B

# REPLACEMENT SHEET

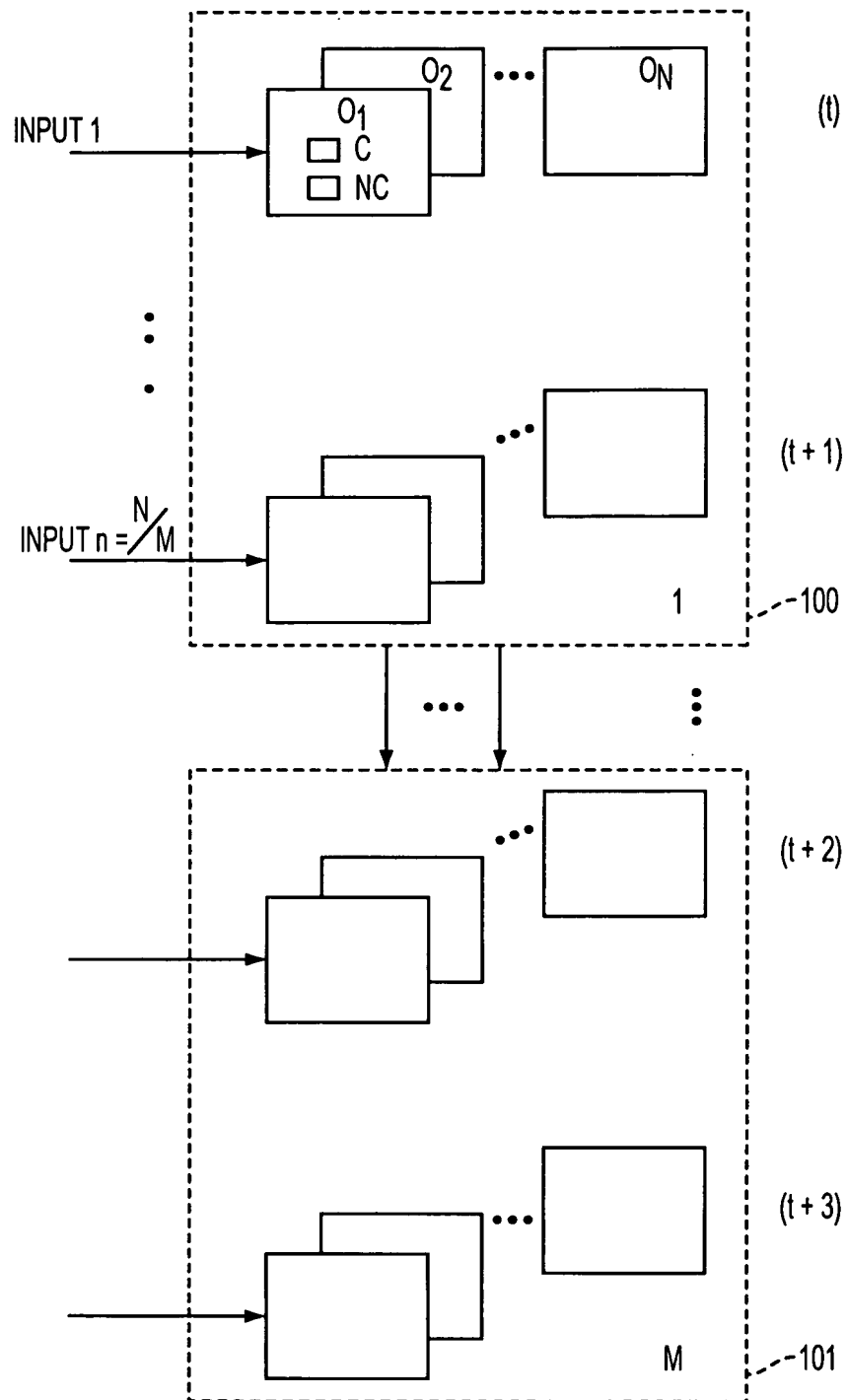


FIG. 6

# REPLACEMENT SHEET

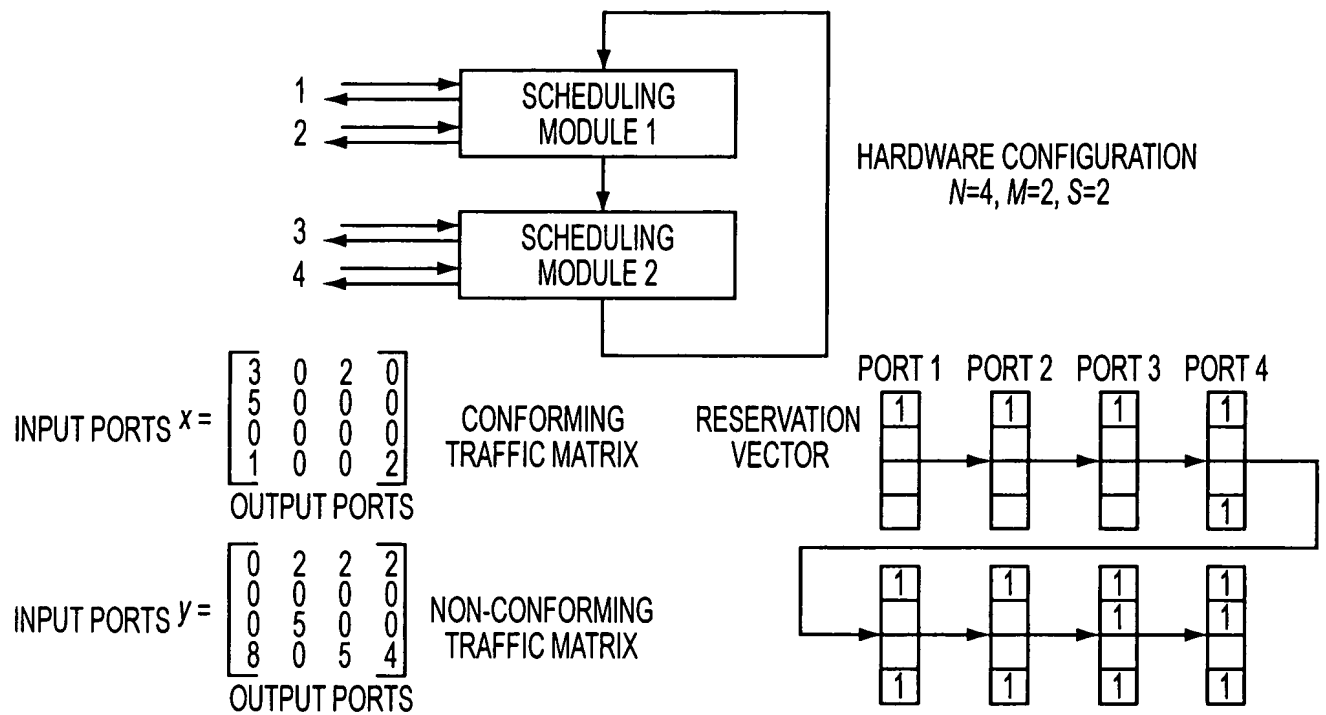


FIG. 7



# REPLACEMENT SHEET

MODULES	M1		DELAY	M2		DELAY	M3		DELAY	M4		DELAY
STAGES	s1	s2		s3	s4		s5	s6		s7	s8	
PORTS	p1 p2 p3 p4	p5 p6 p7 p8		p9 p10 p11 p12	p13 p14 p15 p16		p17 p18 p19 p20	p21 p22 p23 p24		p25 p26 p27 p28	p29 p30 p31 p32	
TIME SLOTS ↓	13 1	14 2	15 3	16 4	17 5	18 6	19 7	20 8	21 9	22 10	23 11	24 12
	24 12	13 1	14 2	15 3	16 4	17 5	18 6	19 7	20 8	21 9	22 10	23 11
	23 11	24 12	13 1	14 2	15 3	16 4	17 5	18 6	19 7	20 8	21 9	22 10
	22 10	23 11	24 12	13 1	14 2	15 3	16 4	17 5	18 6	19 7	20 8	21 9
	21 9	22 10	23 11	24 12	13 1	14 2	15 3	16 4	17 5	18 6	19 7	20 8
	20 8	21 9	22 10	23 11	24 12	13 1	14 2	15 3	16 4	17 5	18 6	19 7
	19 7	20 8	21 9	22 10	23 11	24 12	13 1	14 2	15 3	16 4	17 5	18 6
	18 6	19 7	20 8	21 9	22 10	23 11	24 12	13 1	14 2	15 3	16 4	17 5
	17 5	18 6	19 7	20 8	21 9	22 10	23 11	24 12	13 1	14 2	15 3	16 4
	16 4	17 5	18 6	19 7	20 8	21 9	22 10	23 11	24 12	13 1	14 2	15 3
	15 3	16 4	17 5	18 6	19 7	20 8	21 9	22 10	23 11	24 12	13 1	14 2
	14 2	15 3	16 4	17 5	18 6	19 7	20 8	21 9	22 10	23 11	24 12	13 1

FIG. 8

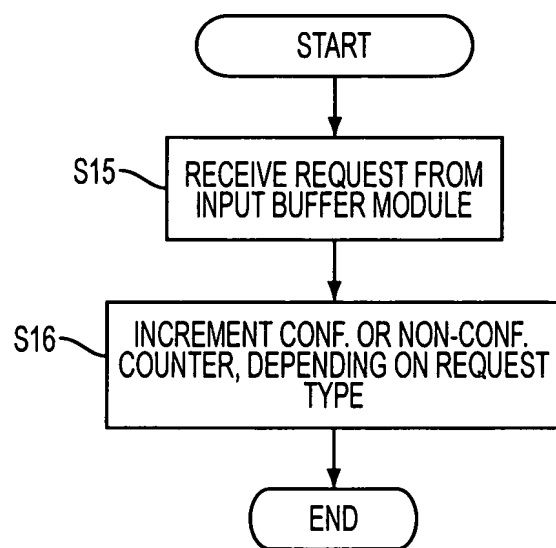


FIG. 9

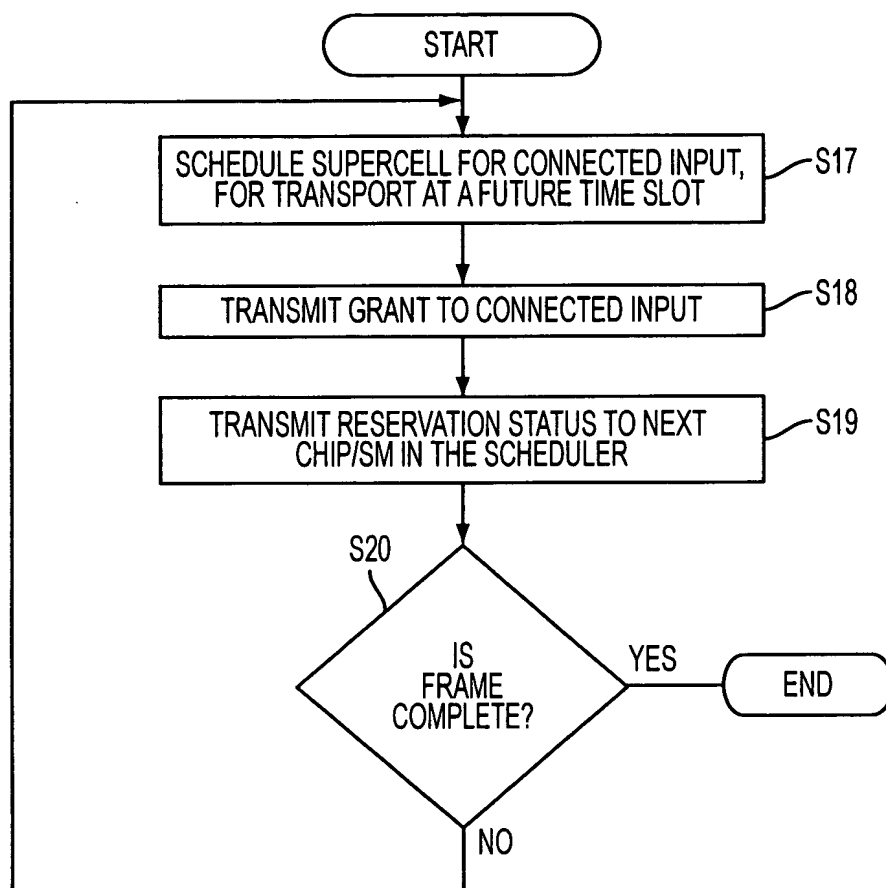


FIG. 10

# REPLACEMENT SHEET

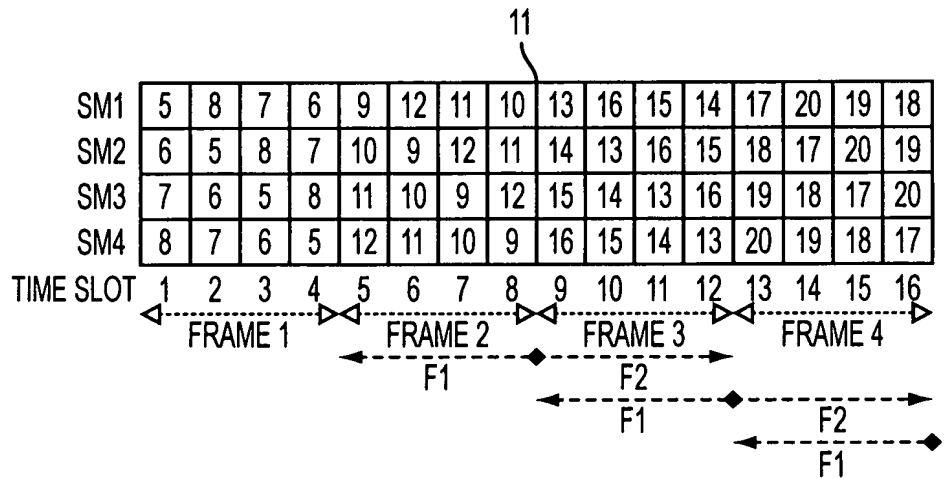
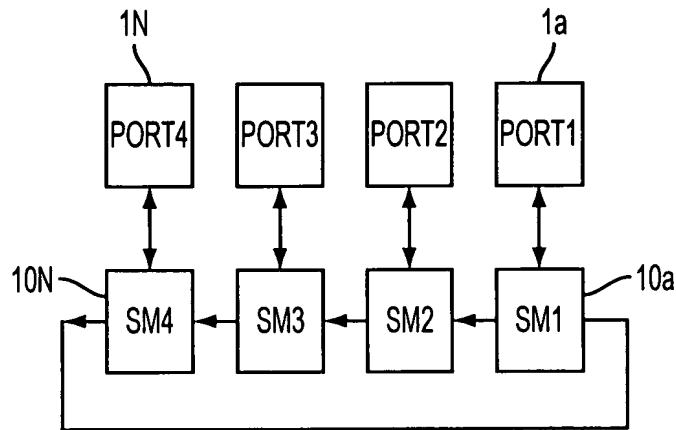


FIG. 11

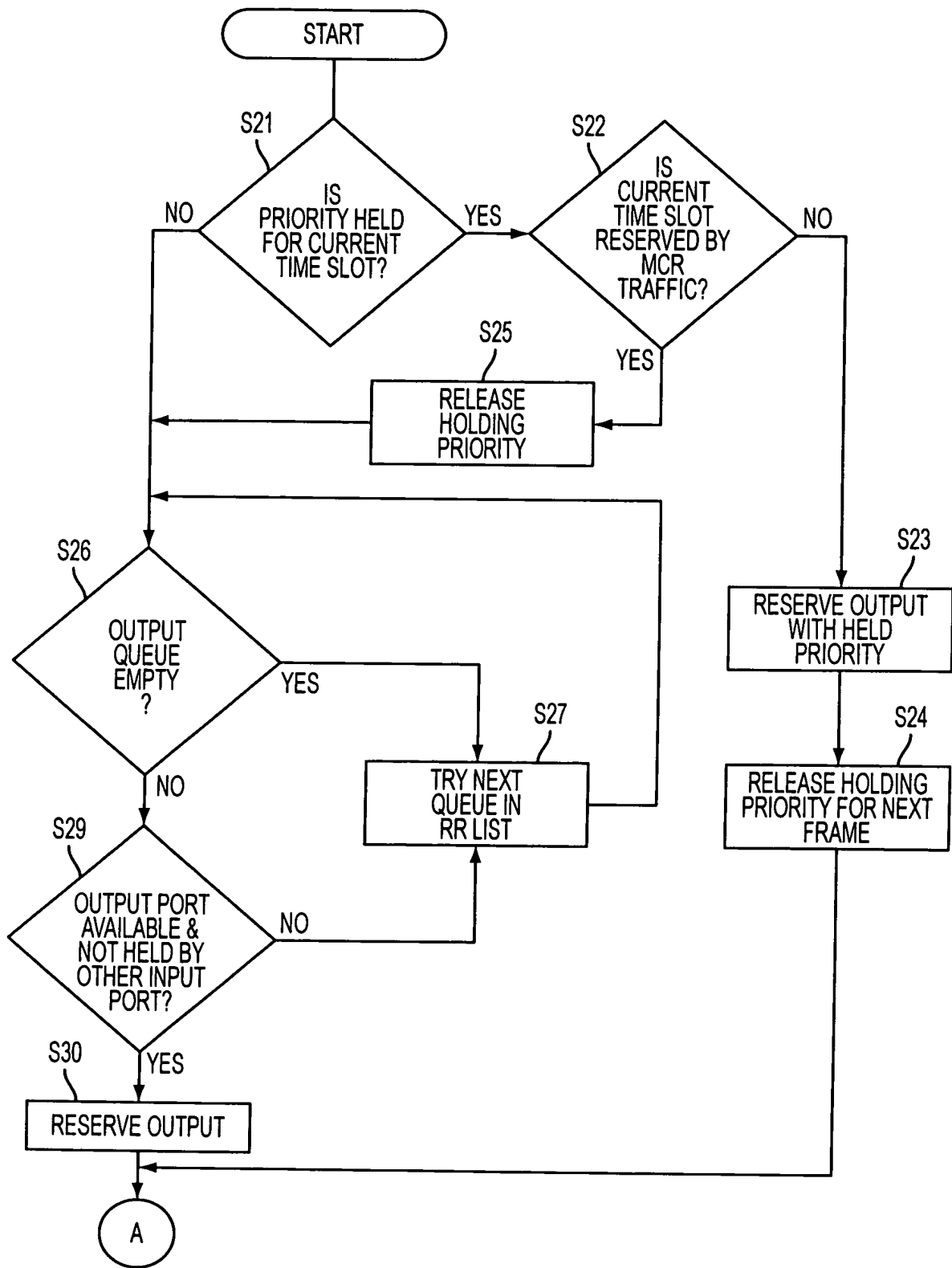


FIG. 12A

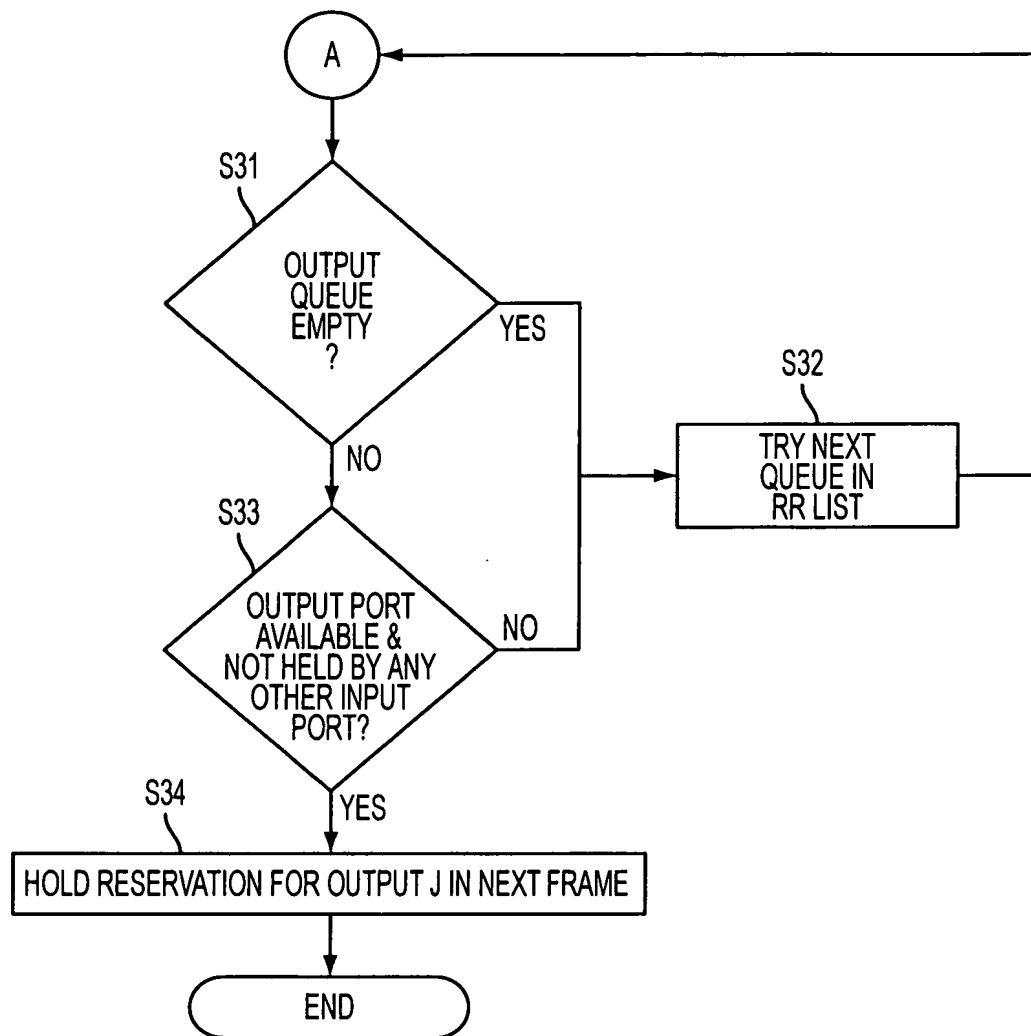


FIG. 12B

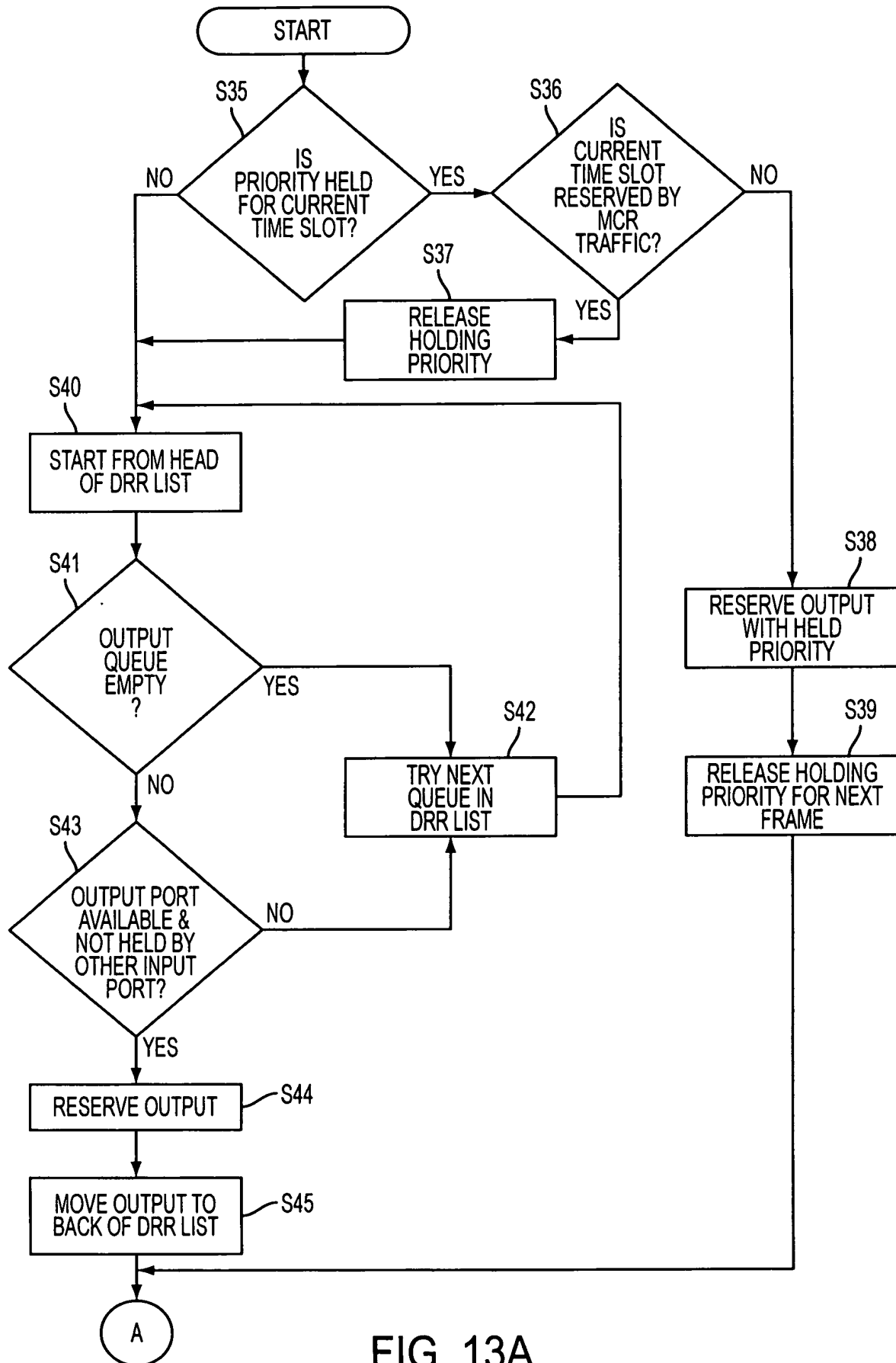


FIG. 13A

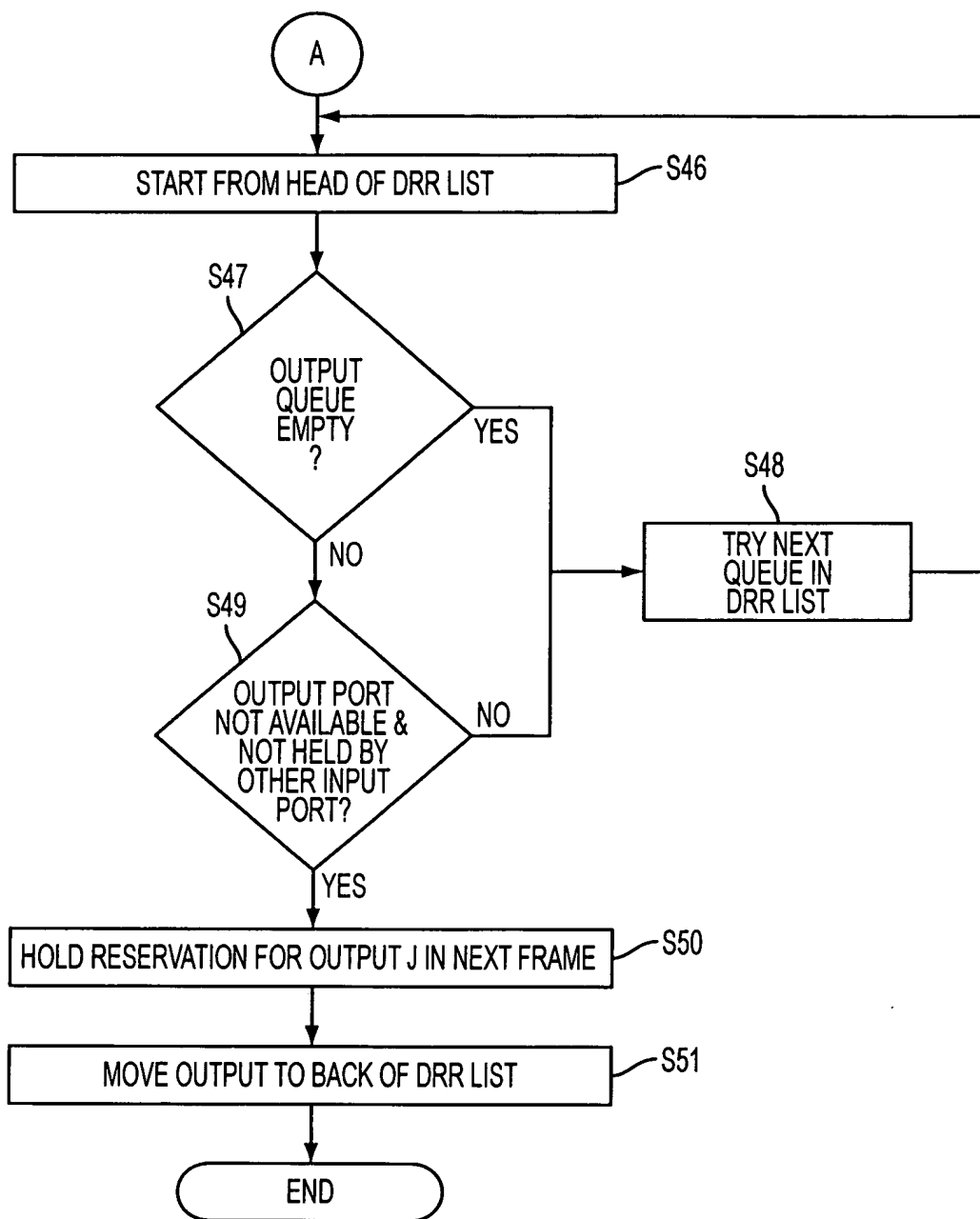


FIG. 13B



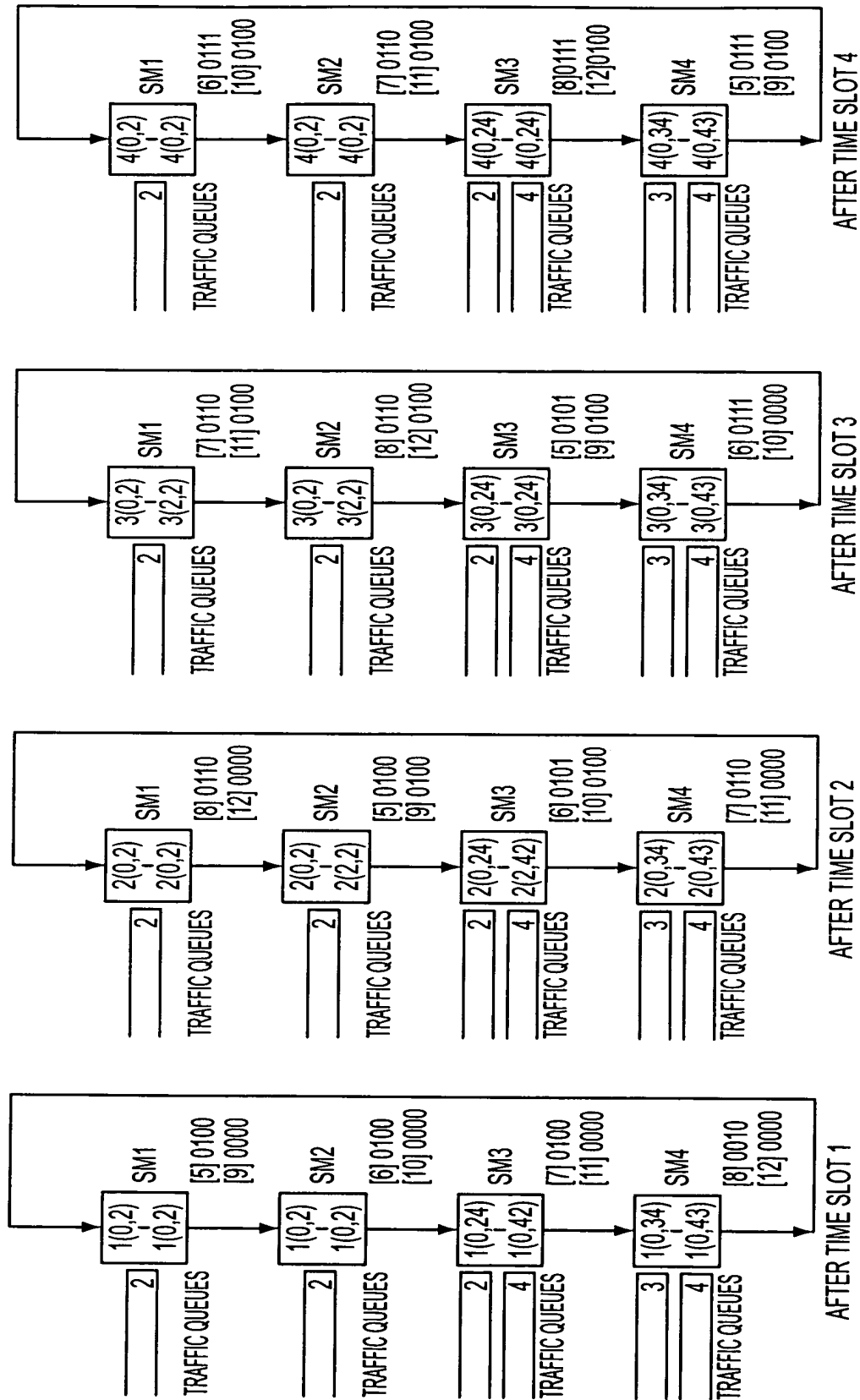


FIG. 14A

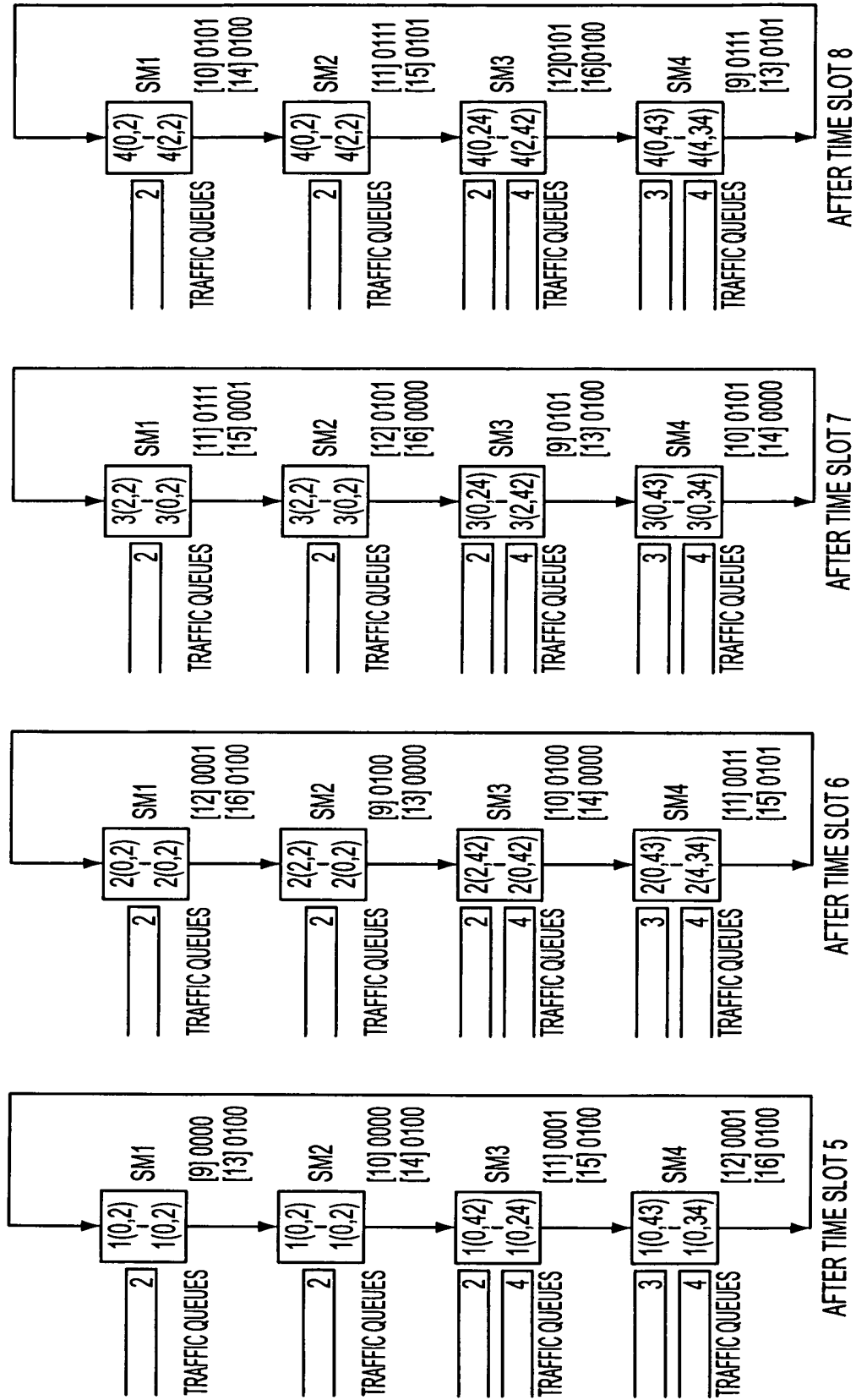


FIG. 14B

# REPLACEMENT SHEET

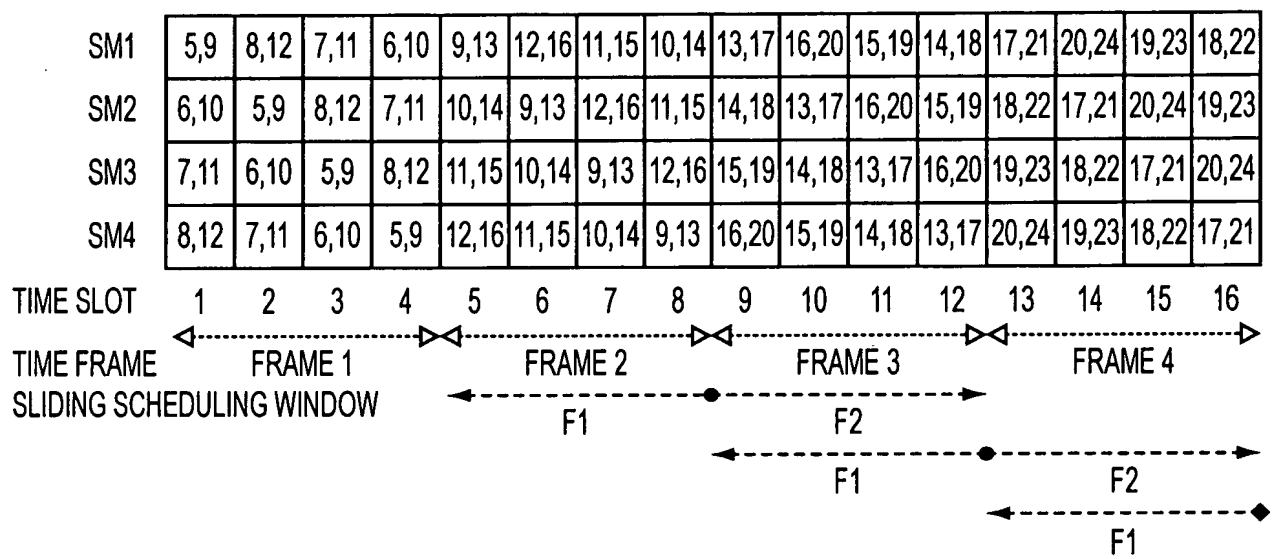


FIG. 15

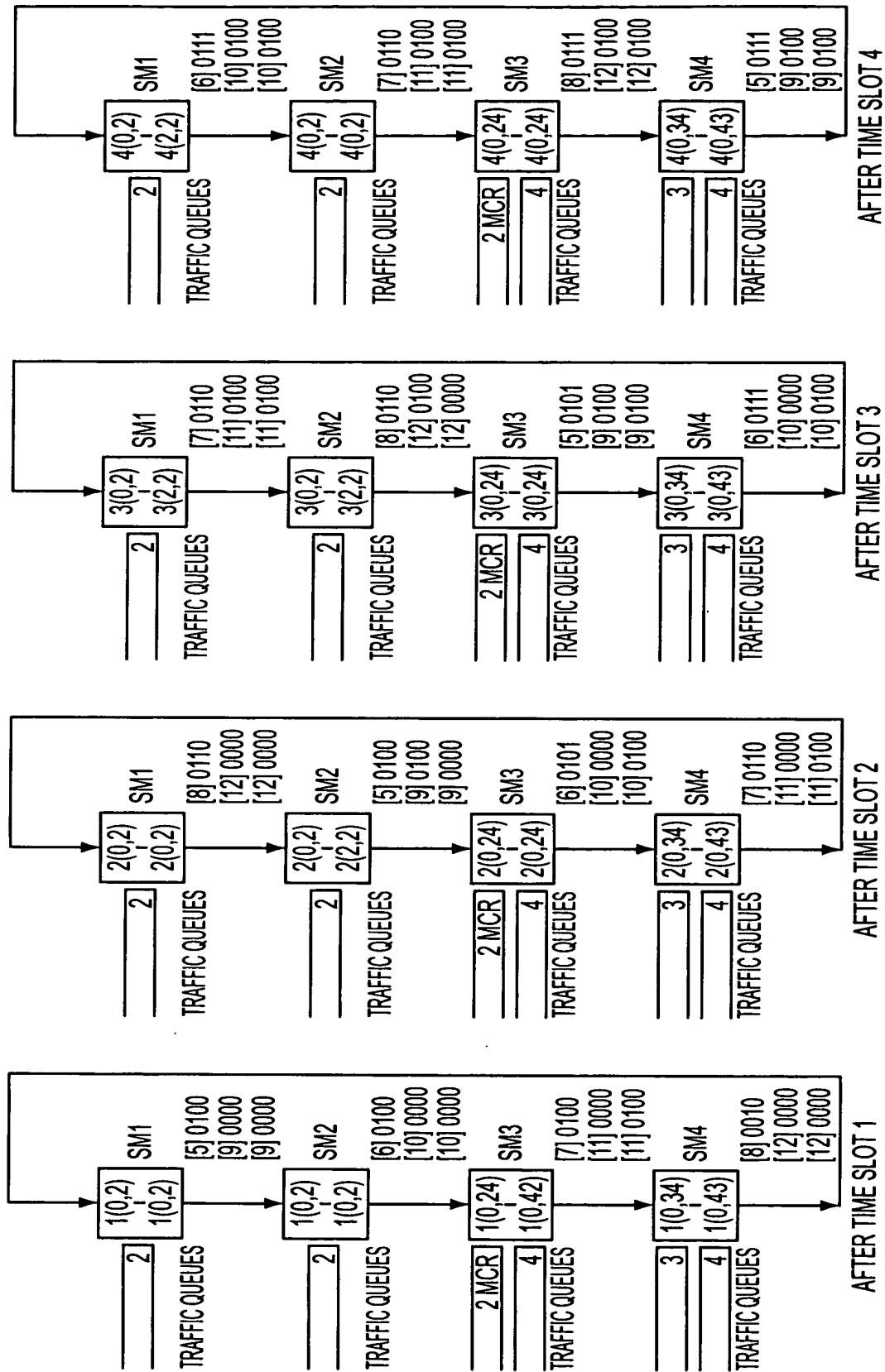


FIG. 16

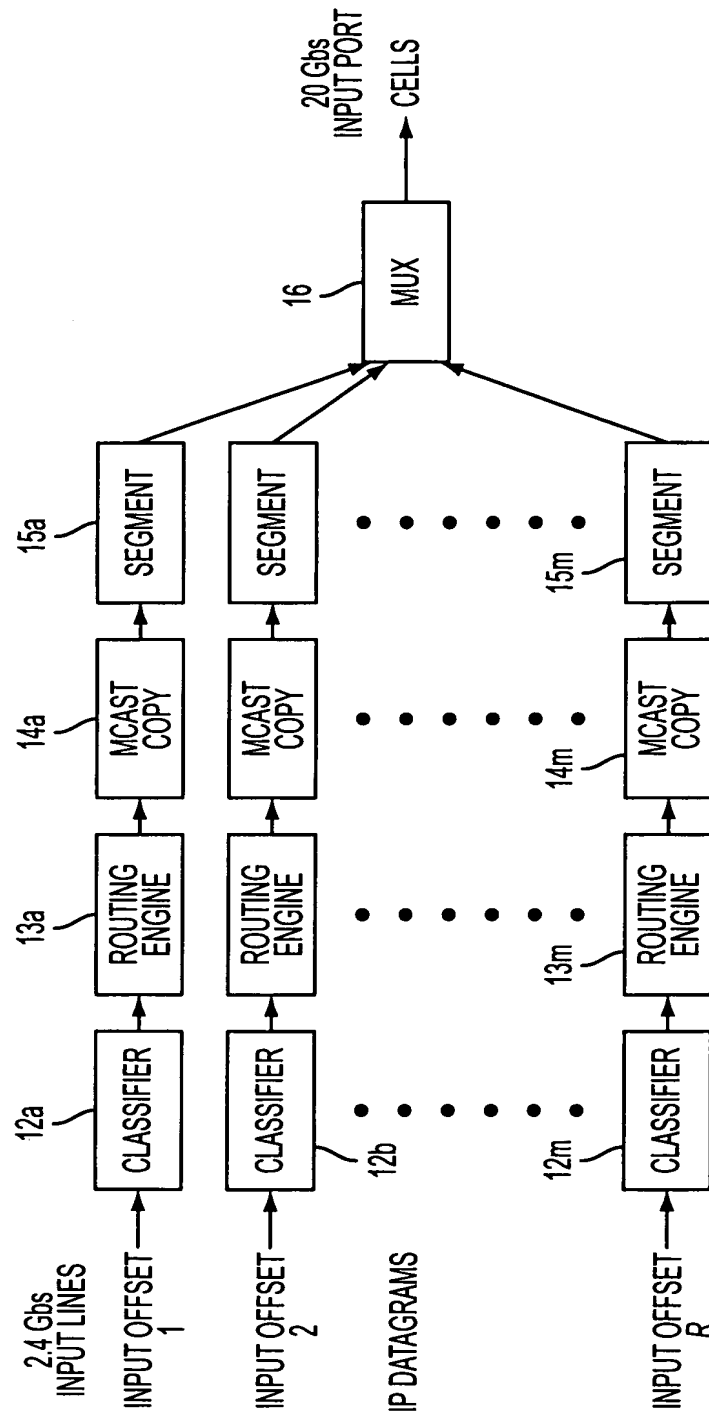


FIG. 17

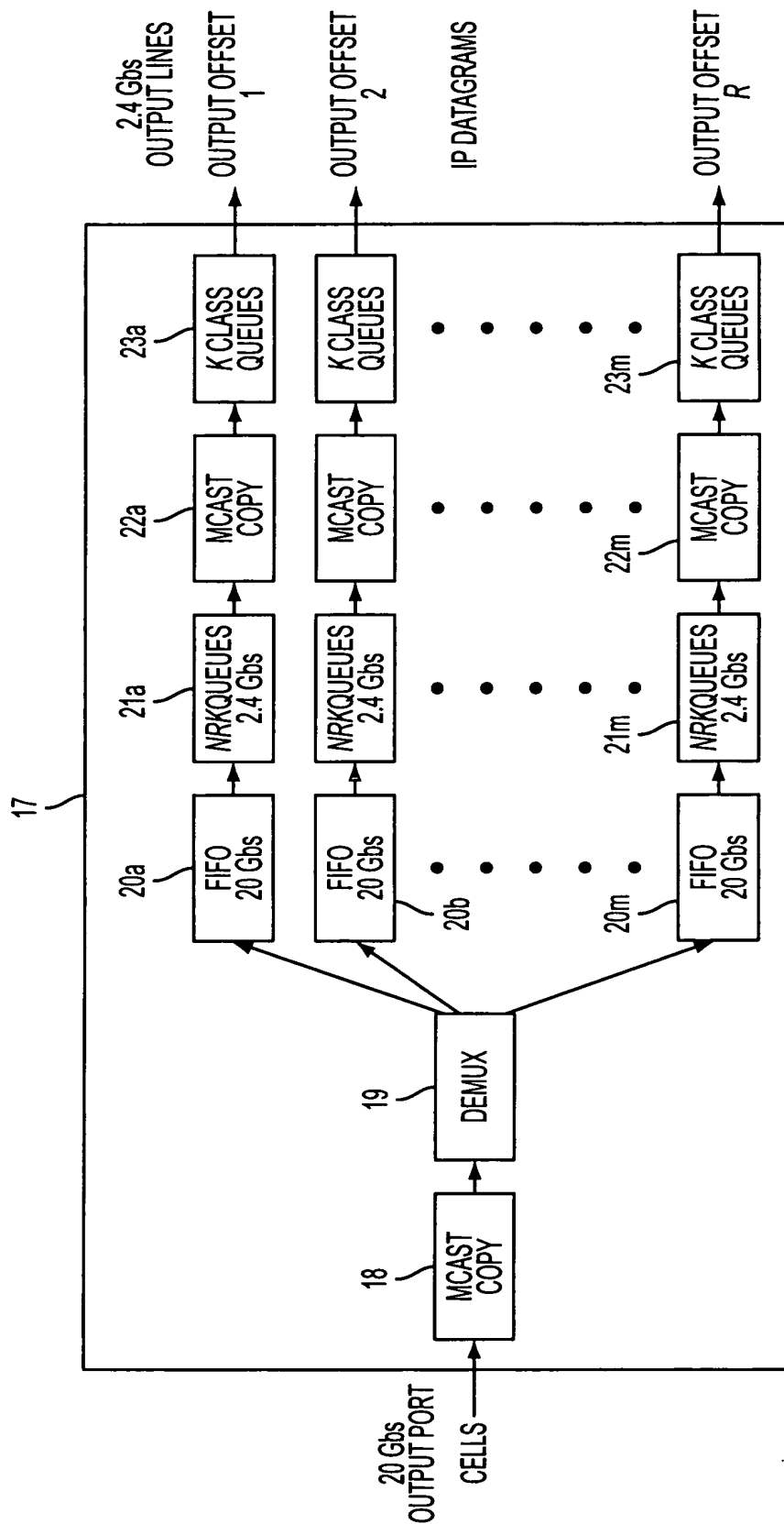


FIG. 18